

ER-430-459-578-45

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. 2003-1854.CIP	
(Only for new nonprovisional applications under 37 CFR 1.53(b))		First Inventor Christ G. ELLIS	
		Title Apparatus And Method For Automatic Vision...	
		Express Mail Label ER-430-459-578-US	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P. O. Box 1450 Alexandria VA 22313-1450	
<div style="float: right; text-align: right;">031088 U.S. PTO 10/684283</div> <div style="clear: both;"></div> <div>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)</div> <div>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</div> <div>3. <input checked="" type="checkbox"/> Specification [Total Pages 50] (preferred arrangement set forth below)<ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure</div> <div>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 35]</div> <div>5. Oath or Declaration [Total Pages one]<div style="margin-left: 20px;">a. <input checked="" type="checkbox"/> Newly executed (original or copy)</div><div style="margin-left: 20px;">b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)<div style="margin-left: 20px;">i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</div></div></div> <div>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</div>		<div>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</div> <div>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)<div style="margin-left: 20px;">a. <input type="checkbox"/> Computer Readable Form (CRF)</div><div style="margin-left: 20px;">b. Specification Sequence Listing on:<div style="margin-left: 20px;">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</div><div style="margin-left: 20px;">ii. <input type="checkbox"/> Paper</div></div><div style="margin-left: 20px;">c. <input type="checkbox"/> Statements verifying identity of above copies</div></div>	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ER-430-459-578-45

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT $\times > \$$ 1,819.00**Complete if Known**

Application Number	OF EVEN DATE
Filing Date	OF EVEN DATE
First Named Inventor	Christ G. ELLIS
Examiner Name	
Art Unit	
Attorney Docket No.	2003-1854.CIP

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit
Account
Number

50-0789

Deposit
Account
Name

Haugen Law Firm PLLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	385.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					$\times > \$$ 385.00

2. EXTRA CLAIM FEES FOR UTILITY AND

Extra Claims		Fee from below		Fee Paid
Total Claims				
36	-20** =	16	X 9.00 =	144.00
Independent Claims	33 - 3** =	30	X 43.00 =	1,290.00
Multiple Dependent				

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) $\times > \$$ 1,434.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non - English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Statement	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) $\times > \$$ **SUBMITTED BY**

Name (Print/Type)

Robert J. Jacobson

Registration No.
(Attorney/Agent)

32,419

Complete (if applicable)

Telephone

612-339-8300

Signature

Date

October 11, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Practitioner's Docket No. 2003-1854.CIP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Christ G. Ellis
Application No.: OF EVEN DATE
Filed: OF EVEN DATE

Group No.: 2632
Examiner: Tweel Jr., John Alexander

For: Apparatus and Method For Automatic Vision Enhancement In A Traffic Complex

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


CERTIFICATE OF MAILING VIA EXPRESS MAIL

I hereby certify that the attached patent application consisting of the following papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on October 11, 2003 and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450, under Express Mail Post Office to Addressee Label No. ER-430-459-578-US:

1. This Certificate of Mailing via Express Mail dated 10/11/03 (one page plus copy);
2. Utility Patent Application Transmittal dated 10/11/03 (one page plus copy);
3. Fee Transmittal for FY 2004 dated 10/11/03 (one page plus copy);
4. Check in the amount of \$1819.00;
5. Declaration For Utility or Design Application Using an Application Data Sheet (one page);
6. Application Data Sheet (two pages);
7. Petition To Make Special Because of Applicant's Age dated 10/11/03 (one page) and having a copy of Certificate of Birth (one page);
8. Copy of Notification of Filing of Continuation-in-Part Application dated 10/11/03 (one page);
9. Written Description (pages 1-40);
10. Claims (pages 41-49);
11. Abstract (page 50);
12. Formal drawings (35 sheets) clipped to written description, claims and abstract;
13. PTO-1449 form (one sheet) attached to copies of three U.S. Patents; and
14. Postcard Receipt.

Respectfully submitted,

HAUGEN LAW FIRM PLLP


Robert J. Jacobson, Reg. No. 32,419
Attorney for Applicant(s)
1130 TCF Tower
121 South Eighth Street
Minneapolis, MN 55402
Phone: (612) 339-8300

Practitioner's Docket No. 2002-1597.CIP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Christ G. Ellis

Application No.: 10/379,185

Filed: March 3, 2003

For: Apparatus And Method For Vehicle Counting, Tracking, And Tagging

Group No.: 2632

Examiner: Tweel Jr., John Alexander

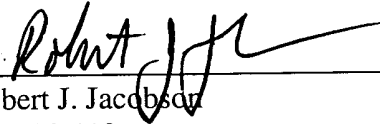
Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

NOTIFICATION OF FILING OF CONTINUATION-IN-PART APPLICATION

A continuation-in-part application for this case was mailed on October 11, 2003.



Robert J. Jacobson

Reg. 32,419

HAUGEN LAW FIRM PLLP

1130 TCF Tower

121 South Eighth Street

Minneapolis, Minnesota 55402

Tel. No. (612) 339-8300

Fax. No. (612) 339-8200

{16362.DOC}

I hereby certify that this correspondence and the documents referred to as enclosed therein are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450, on October 11, 2003 by applicant's attorney, Robert J. Jacobson.



Robert J. Jacobson